

CURRICULUM VITAE

James J. Champoux, Ph.D.

Personal Data:

Birth: November 6, 1942, Seattle, Washington

Education:

1965 B.S., University of Washington, Seattle, Washington (Chemistry)
1970 Ph.D. Stanford University, Palo Alto, California (Biochemistry)

Postgraduate Training:

1970-72 Research Associate, Salk Institute, San Diego, California

1980-81 (12 months) Visiting Scientist, Mass. Institute of Technology,
 Cambridge, Mass. (Sabbatical leave with David Baltimore)

1992-93 (6 months) Sabbatical leave at the Swiss Institute for Experimental
 Cancer Research, Lausanne, Switzerland.

Faculty Positions Held:

1972-78 Assistant Professor, Department of Microbiology and Immunology,
 University of Washington, Seattle, Washington

1978-82 Associate Professor, Department of Microbiology and Immunology,
 University of Washington, Seattle, Washington

1982- Professor, Department of Microbiology, University of Washington, Seattle,
 Washington

Professional Responsibilities:

1979-84 Member of Study Section, American Cancer Society
1994 Member of AIDS Study Section, NIH
1998 Member of Biochemistry Study Section, NIH

Awards and Honors:

1964 Phi Beta Kappa
1980-81 Recipient of Guggenheim Fellowship for sabbatical leave studies

1985

Recipient of Distinguished Teaching Award, University of Washington

Publications:

Pocker, Y., Stevens, K. D. and Champoux, J. J. (1969). Kinetics and Mechanism of Addition of Acids to Olefins. III. The Addition of Hydrogen Chloride to 2-Methyl-1-Butene, 2-Methyl-2-Butene and Isoprene in Nitromethane. *J. Amer. Chem. Soc.* **91**:4199-4205.

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Champoux, J. J. and Durnford, J. M. (1975). Assay and Partial Purification of the DNA Untwisting Activity from Rat Liver. *ICN-UCLA Symposium on Molecular and Cellular Biology-DNA Synthesis and its Regulation* **3**:83-93.

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Champoux, J. J. (1977). Strand Breakage by the DNA Untwisting Enzyme Results in Covalent Attachment of the Enzyme to the DNA. *Proc. Natl. Acad. Sci. USA* **74**:3800-3804.

Champoux, J. J. (1977). Renaturation of Complementary Single-Stranded DNA Circles: Complete Rewinding Facilitated by the DNA Untwisting Enzyme. *Proc. Natl. Acad. Sci. USA* 74:5328-5332.

Champoux, J. J. (1978). Mechanism of the Reaction Catalyzed by the DNA Untwisting Enzyme: Attachment of the Enzyme to 3'-terminus of the Nicked DNA. *J. Mol. Biol.* 118:441-446.

Young, L. S. and Champoux, J. J. (1978). Interaction of the DNA Untwisting Enzyme with the SV40 Nucleoprotein Complex. *Nucleic Acids Res.* 5:623-635.

Durnford, J. M. and Champoux, J. J. (1978). The DNA Untwisting Enzyme from *Saccharomyces cerevisiae*. Partial Purification and Characterization. *J. Biol. Chem.* 253:1086-1089.

Champoux, J. J. (1978). Proteins that Affect DNA Conformation. *Annual Review of Biochem.* 47:449-479.

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Textbook Chapters:

Champoux, J. J. In *Sherris Medical Microbiology-An Introduction to Infectious Diseases*, Third Edition. (1994). (ed. by K. J. Ryan) (Appleton & Lange, Norwalk, Connecticut)

Chapter 5: Virus Structure p. 71-78.

Chapter 6: Virus Multiplication p. 79-96.

Chapter 7: Viral Genetics p. 97-104.

Chapter 41: (co-authored with W. L. Drew): Retroviruses, Human Immunodeficiency and Acquired Immunodeficiency Syndrome p. 541-556.